

# Compressed Inorganic Fiber Gasketing

## Distinguishing Characteristics & Applications

See graphs for temperature and pressure limits. Typical values refer to 1/16" material unless otherwise specified.

See pages 16 and 17 for test procedures

<b>Creep Relaxation</b>	ASTM F388 (1/32")
<b>Sealability</b>	ASTM F37A (1/32")
<b>Gas Permeability</b>	DIN 3535/6
<b>Compressibility</b>	ASTM F36J
<b>Recovery</b>	ASTM F36J

## Klinger Hot Compression Test

Thickness Decrease 73°F (23°C)

Thickness Decrease 572°F (300°C)

## Weight Increase

ASTM F146 after immersion in Fuel B  
5h/73°F (23°C)

## Thickness Increase

ASTM F146 after immersion in:

ASTM Oil 1, 5h/300°F (149°C)

ASTM Oil IRM # 903, 5h/300°F (149°C)

ASTM Fuel A, 5h/73°F (23°C)

ASTM Fuel B, 5h/73°F (23°C)

**Dielectric Strength** ASTM D149-95a

## Leachable Chloride Content

F.S.A. Method (Typical)

## Density

**Color** (Top/Bottom)

## ASTM F104 Line Call Out

## Pressure and Temperature Graphs

Material Thickness: 1/16"

## Liquids

## Gases and Steam

## KLINGERSIL® C-4433

- Fiberglass, Aramid & Inorganic Fibers
- Nitrile Binder
- Ultimate Steam Sheet
- Outstanding Load Bearing
- Excellent Creep Relaxation
- Best General Purpose Sheet

20%  
< 0.5 ml/hr  
< 0.2 ml/min  
7%  
60% Minimum

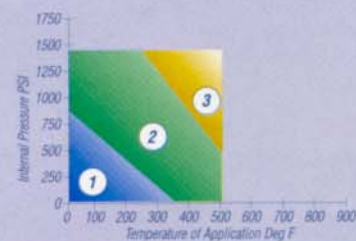
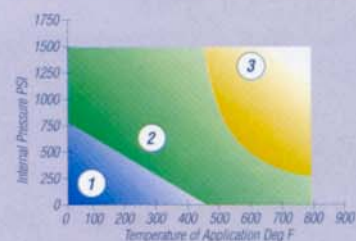
7% Initial  
8% Additional

10% Maximum

0-5%  
0-4%  
0-5%  
0-7%

21 kV/mm

150 ppm  
112 lb/ft³ (1.8 g/cc)  
Red  
F712132B3E12K6M5



## KLINGERSIL® C-4430

- Fiberglass & Aramid Fibers
- Nitrile Binder
- Excellent Steam Sheet
- Excellent Chemical Resistance
- Good Creep Relaxation
- General Purpose Sheet

20%  
< 0.5 ml/hr  
< 0.5 ml/min  
9%  
50% Minimum

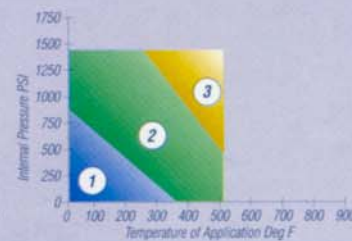
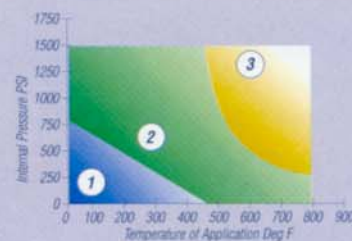
8% Initial  
11% Additional

10% Maximum

0-5%  
0-3%  
0-5%  
0-5%

16 kV/mm

150 ppm  
96 lb/ft³ (1.55 g/cc)  
White/Green  
F712132B3E11K6M5



## KLINGERSIL® C-4324

- Recycled Fiberglass & Aramid Blend
- Nitrile Binder
- Low Pressure Steam, Water & Gases
- Good for Oils & Fuels

25%  
< 0.5 ml/hr  
< 0.5 ml/min  
8%  
50% Minimum

12% Initial  
15% Additional

12% Maximum

0-5%  
0-5%  
0-5%  
0-7%

13 kV/mm

250 ppm  
112 lb/ft³ (1.8 g/cc)  
Green/Grey  
F712132B4E32K6M4

